

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/AT2004/000334A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, IBM-TDB, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 350 985 A (* MITEL CORPORATION) 13 December 2000 (2000-12-13) page 1, line 21 - page 2, line 18 page 5, line 3 - line 24; claims 1-18; figures 1,9-11	1-7
A	EP 1 223 710 A (VACON OYJ) 17 July 2002 (2002-07-17) paragraph '0014! - paragraph '0015! paragraph '0018! - paragraph '0020!; claims 1-11; figures 1,2	1-7
A	US 5 434 861 A (PRITTY ET AL) 18 July 1995 (1995-07-18) column 6, line 48 - column 7, line 14 column 9, line 51 - column 11, line 44 column 14, line 7 - column 15, line 31; claims 1-8; figures 1,4,6-9,13-15	1-7
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

29 April 2005

Date of mailing of the international search report

09/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schwibinger, H-P

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/AT2004/000334

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 001 755 A (SKRET ET AL) 19 March 1991 (1991-03-19) column 2, line 58 - column 3, line 30 column 4, line 48 - column 5, line 30 column 10, line 19 - line 37; figure 2 -----	1-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/AT2004/000334

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2350985	A	13-12-2000	CA 2310772 A1 DE 10028052 A1 FR 2794877 A1	11-12-2000 12-04-2001 15-12-2000
EP 1223710	A	17-07-2002	FI 20002534 A EP 1223710 A2	19-06-2002 17-07-2002
US 5434861	A	18-07-1995	AT 121890 T DE 69018971 D1 DE 69018971 T2 EP 0456701 A1 WO 9009068 A1	15-05-1995 01-06-1995 21-12-1995 21-11-1991 09-08-1990
US 5001755	A	19-03-1991	US 4980913 A AU 644765 B2 AU 2710292 A AU 626869 B2 AU 3561189 A EP 0413737 A1 JP 3505149 T KR 9411489 B1 WO 8910666 A1	25-12-1990 16-12-1993 17-12-1992 13-08-1992 24-11-1989 27-02-1991 07-11-1991 19-12-1994 02-11-1989